

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	"6423385"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:21
S2	12055	dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:22
S3	537169	liquid-crystal\$6 or (liquid near crystal\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:23
S4	11164	S2 same S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:23
S5	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:23
S6	2091	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:23
S7	1818373	electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:23
S8	1706	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06
S9	230451	brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:24

## EAST Search History

S10	1346	S9 same S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:24
S11	133	S10 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 15:24
S12	12055	dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:15
S13	537169	liquid-crystal\$6 or (liquid near crystal\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06
S14	11164	S12 same S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06
S15	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06
S16	2091	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06
S17	1818373	electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06
S18	1706	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06

## EAST Search History

S19	230451	brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:06
S20	569	S19 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:42
S21	1346	S19 same S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:42
S22	133	S21 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:42
S23	436	S20 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 16:42
S24	611389	dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:15
S25	24148	S24 same S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:16
S26	3065	S25 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:16
S27	2542	S26 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:16

## EAST Search History

S28	768	S27 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:19
S29	57	S24 near isotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:20
S30	49	S13 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:20
S31	11	"4522470"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:34
S32	611389	dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:34
S33	6	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:34

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12055	dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L2	9	"6423385"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L3	1	"5048933".PN.	USPAT; USOCR	OR	ON	2007/04/05 19:40
L4	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L5	15709	brightness near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L6	108	L4 same L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L7	6	L1 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L8	230451	brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L9	1346	L4 same L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L10	149	L1 and L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L11	32018	birefringence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L12	1120	L1 same L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L13	20	L10 and L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L14	18255	gray near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L15	88	L1 same L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L16	379	L1 and L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L17	144	L16 and L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L18	19	"5048933"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L19	18	"5691782"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L20	14	"6191837"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L21	14	"1033606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L22	9	"3930719"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L23	12055	dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L24	1	L22 and L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L25	12055	dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L26	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L27	15709	brightness near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L28	108	L26 same L27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L29	230451	brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L30	1346	L26 same L29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L31	32018	birefringence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L32	1120	L23 same L31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L33	18255	gray near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L34	88	L23 same L33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L35	379	L23 and L33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L36	1	"5048933".PN.	USPAT; USOCR	OR	ON	2007/04/05 19:40
L37	9	"6423385"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L38	6	L23 and L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40



## EAST Search History

L39	149	L23 and L30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L40	20	L39 and L32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L41	19	"5048933"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L42	18	"5691782"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L43	14	"6191837"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L44	144	L35 and L31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L45	2219	L25 and L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L46	94	L25 and L27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L47	4895	negative same L25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L48	1082	L47 and L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L49	125	L47 same L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L50	64	L49 and L31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L51	3106	L31 near low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L52	11	L50 and L51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L53	1	10/772299	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L54	429	isotropic near liquid near crystal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L55	419	low near optical near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L56	108	low near dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L57	13	L54 and L56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L58	13	L56 and L55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L59	13	"5382379"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L60	8696231	time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L61	14	L56 same L60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L62	1	10/772299	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L63	3	10/465939	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L64	1	10/902828	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L65	57	dielectric near isotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L66	4104	negative near dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L67	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L68	101	L66 same L67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L69	4104	negative near dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L70	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L71	101	L69 same L70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L72	588352	ips or (parallel same electric same field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L73	55	L71 and L72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L74	49821	common near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L75	11545	scanning near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L76	9723	data near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L77	193	L74 same L75 same L76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L78	46288	pixel near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L79	19	L77 same L78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L80	12573	L74 same L78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L81	9300	L80 same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L82	11	L81 same L75 same L76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L83	170	common near data near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L84	13	L78 same L83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L85	49821	common near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L86	46288	pixel near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L87	12573	L85 same L86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L88	8890	L85 same transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L89	1868	L85 near transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L90	1147	L89 and L87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L91	864	L89 same L87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L92	27	stretched same (linearly near polarizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L93	9	"6222602"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L94	4	"6265034"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L95	18255	gray near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L96	12055	dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L97	379	L96 and L95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L98	32018	birefringence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L99	144	L97 and L98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L100	108	low near dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L101	8696231	time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L102	14	L100 same L101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L103	88	L96 same L95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L104	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L105	4104	negative near dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L106	101	L105 same L104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L107	49821	common near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L108	11545	scanning near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L109	9723	data near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L110	193	L107 same L108 same L109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40



## EAST Search History

L111	46288	pixel near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L112	19	L110 same L111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L113	170	common near data near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L114	13	L111 same L113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L115	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L116	230451	brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L117	1346	L115 same L116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L118	149	L96 and L117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L119	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L120	19	"5048933"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L121	57	dielectric near isotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L122	9	"6423385"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L123	9	"3930719"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L124	14	"1033606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L125	12055	dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L126	129207	response near time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L127	4895	negative same L125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L128	125	L127 same L126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L129	32018	birefringence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L130	3106	L129 near low	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L131	64	L128 and L129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L132	11	L131 and L130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L133	15709	brightness near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L134	94	L125 and L133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L135	12055	dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L136	1	L123 and L135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L137	1120	L96 same L98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L138	9	"6222602"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L139	108	L126 same L133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L140	6	L135 and L139	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L141	14	"6191837"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L142	14	"6191837"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L143	4104	negative near dielectric near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L144	101	L143 same L119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L145	18	"5691782"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L146	20	L118 and L137	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L147	19	"5048933"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L148	230451	brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L149	1346	L126 same L148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L150	149	L135 and L149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L151	1120	L135 same L129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L152	20	L150 and L151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L153	18	"5691782"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L154	1	10/772299	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L155	1	10/772299	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L156	9	"6423385"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L157	3	10/465939	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L158	15709	brightness near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L159	108	L115 same L158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L160	6	L96 and L159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L161	1	10/902828	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L162	46288	pixel near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L163	1	"5048933".PN.	USPAT; USOCR	OR	ON	2007/04/05 19:40
L164	1	"5048933".PN.	USPAT; USOCR	OR	ON	2007/04/05 19:40
L165	4	"6265034"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L166	49821	common near electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L167	12573	L166 same L162	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L168	1868	L166 near transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L169	1147	L168 and L167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L170	8890	L166 same transparent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L171	13	"5382379"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L172	588352	ips or (parallel same electric same field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L173	55	L106 and L172	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L174	12573	L107 same L111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L175	9300	L174 same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40

## EAST Search History

L176	1082	L127 and L126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L177	2219	L125 and L126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L178	11	L175 same L108 same L109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L179	419	low near optical near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L180	13	L100 and L179	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L181	18255	gray near level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L182	429	isotropic near liquid near crystal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L183	379	L135 and L181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L184	88	L135 same L181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40



## EAST Search History

L185	144	L183 and L129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L186	864	L168 same L167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L187	27	stretched same (linearly near polarizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L188	13	L182 and L100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L189	1	10/772299	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:40
L190	9	"6222602"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:56
L191	611389	dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:56
L192	7	190 and 191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:59
L193	4	"6265034"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 19:59

## EAST Search History

L194	1	191 and 193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:01
L197	2	"6836305"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:02
L198	1	191 and 193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:02
L199	7	"6236441"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:03
L201	4	191 and 199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:06
L202	4	"6667077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:07
L203	3	191 and 202	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:08
L204	9	"6423385"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:08
L205	6	191 and 204	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:08

## EAST Search History

L206	4	"7046325"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:09
L207	1	191 and 206	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:09
L208	4	"7079212"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:09
L209	1	191 and 208	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:10
L210	5	"7095470"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:10
L211	1	191 and 210	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:10
L212	4	"7088414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:10
L213	1	191 and 212	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:11
L214	4	"7158202"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:11

## EAST Search History

L215	1	214 and 191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:11
L216	6	"7046324"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:11
L217	3	216 and 191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:12
L218	3	"7164402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:12
L219	2	218 and 191	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/05 20:12